

EXHIBIT 2



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

RECEIVED
11-22-04

Paper No. 25

RONALD C. FEDUS, ESQ.
CORPORATION & PATENT COUNSEL
ENZO BIOCHEM, INC.
527 MADISON AVENUE, 9TH FLOOR
NEW YORK, NY 10022

COPY MAILED

NOV 19 2004

OFFICE OF PETITIONS

In re Application of :
Jannis Stavrianopoulos, et. al. :
Application No. 09/302,817 : **CORRECTED DECISION**
Filed: April 16, 1999 :
Attorney Docket No. ENZ-52(DIV2) :

This is a corrected decision on the petition under 37 CFR 1.137(b), filed June 6, 2003, to revive the above-identified application.

Since the previous decision mailed June 26, 2003, listed the incorrect application number and other identifiers listed above, this decision corrects only that information; therefore, the petition remains **GRANTED**.

The above-identified application is being revived solely for purposes of continuity. As continuity has been established by this decision, the above-identified application is again abandoned in favor of continuing application No. 10/260,031.

This application file is being returned to Files Repository.

Telephone inquiries concerning this decision should be directed to the undersigned at (571) 272-3226.

Andrea Smith
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

13/23



Lane 1: from calf thymus + Taq digested mp18 amplification reaction

Lane 2: from Taq digested mp18 amplification reaction

Lane 3: from calf thymus amplification reaction

Lane 4: øX174 Hinf1 size marker

Figure 8

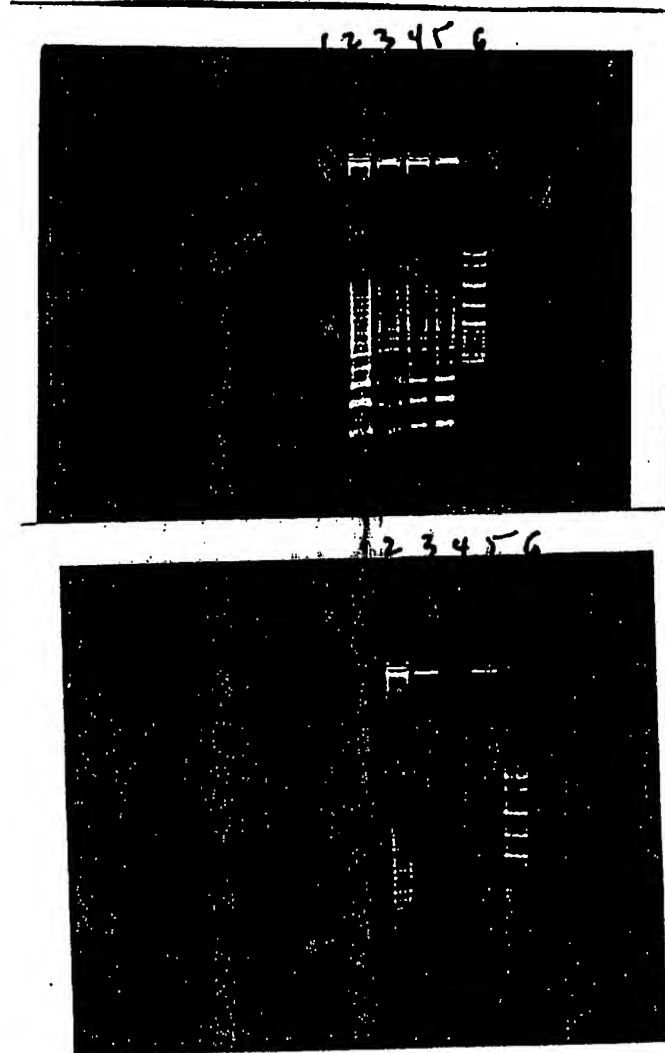
14/23



Lane 1: no template
Lane 2: mp18 template, phosphate buffer
Lane 3: MspI/pBR322 size marker
Lane 4: mp18 template, MOPS buffer

Figure 9

15/23

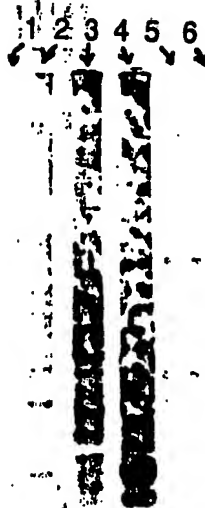


Top= (+) Template
Bottom= (-) Template

Lane 1: phosphate buffer
Lane 2: MES
Lane 3: MOPS
Lane 4: DMAB
Lane 5: DMG
Lane 6: pBR322/Mspl size marker

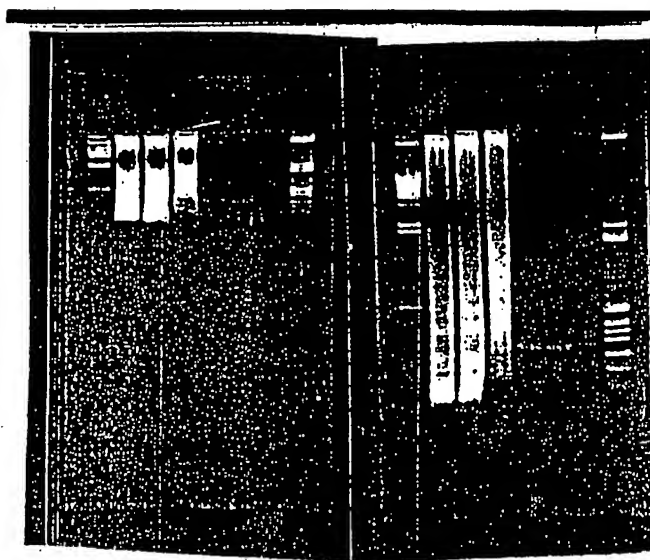
Figure 10

16/23



Lane 1: DMAB buffer, no template
Lane 2: DMAB buffer, mp18 template
Lane 3: DMG buffer, no template
Lane 4: DMG buffer, mp18 template
Lane 5: No reaction
Lane 6: 200 ng Taq I digested mp18
size marker/positive control

Figure 11



First Time Interval Second Time Interval

Agarose Gel Analysis

- Lane 1: lambda Hind III marker
- Lane 2: Amp/Untreated
- Lane 3: Amp/Kinased
- Lane 4: Amp/Kinased/Ligated
- Lane 5: PCR/Untreated
- Lane 6: PCR/Kinased
- Lane 7: PCR/Kinased/Ligated
- Lane 8: phiX174/Hinf1 marker

Figure 12

18/23

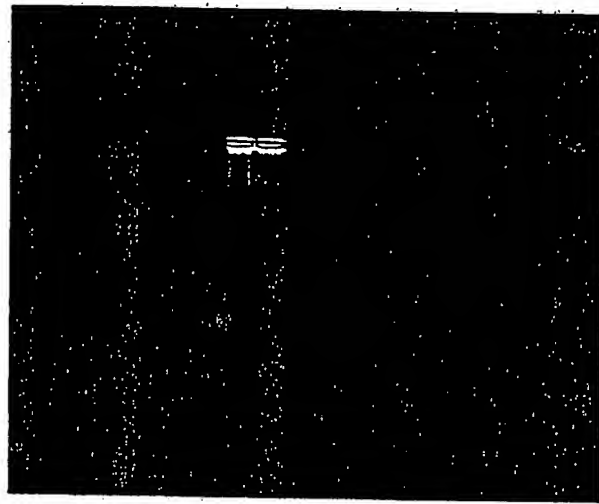
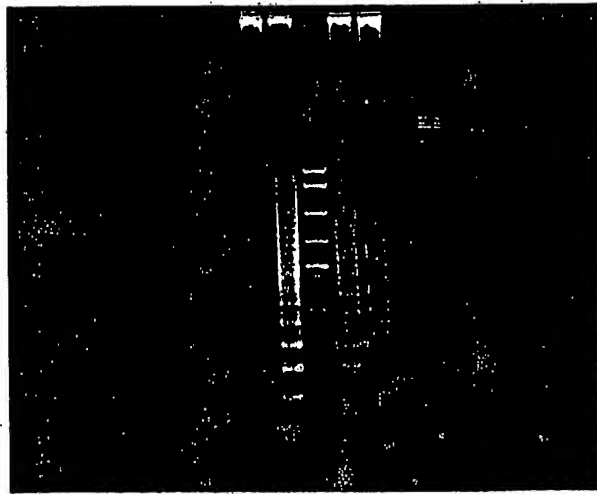


Figure 13

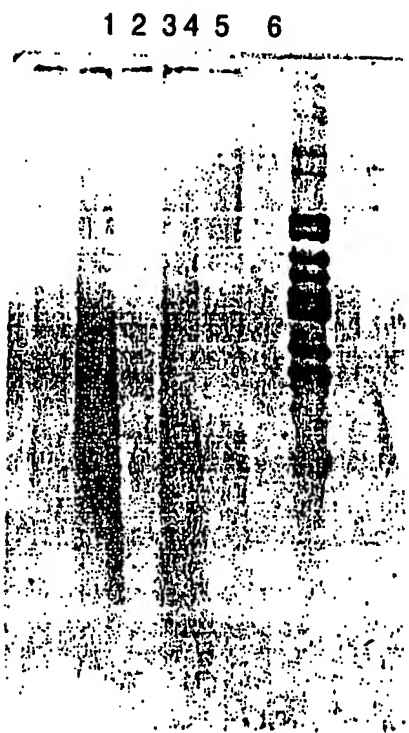
19/23

1 2 3 4 5 6



Lane 1: Primers alone
Lane 2: Primers + taq digested M13 DNA
Lane 3: Molecular weight markers
Lane 4: Primers + RNA
Lane 5: Primers alone
Lane 6: M13 digested DNA
Buffer was dimethyl amino glycine, pH 8.6

Figure 14



Lane 1: Primers alone
Lane 2: Primers + taq digested M13 DNA
Lane 3: Molecular weight markers
Lane 4: Primers + RNA
Lane 5: Primers alone
Lane 6: M13 digested DNA
Buffer was dimethyl amino glycine, pH 8.6

Figure 15